

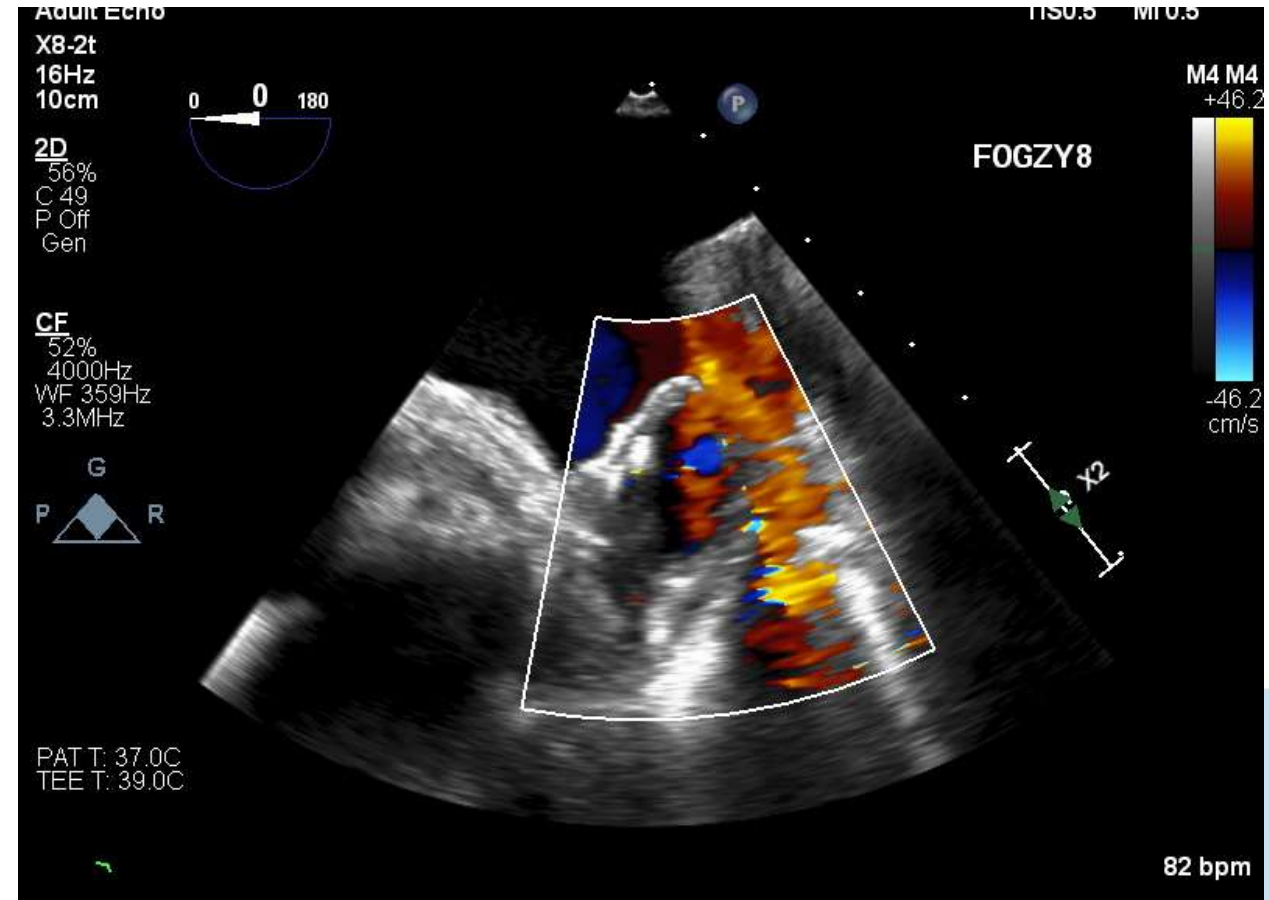
Managing Leak After Appendage Closure

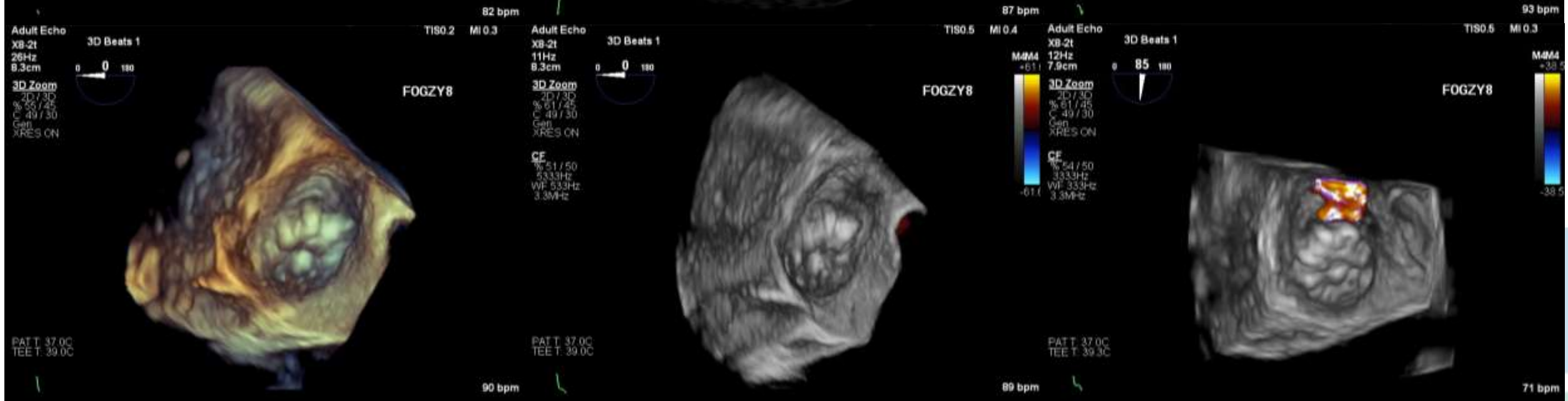
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Case Presentation

- 82 yo HTN, HLP
- CAD s/p 1v PCI in 2018, EF 50%
- A Fib s/p nodal ablation 2022
 - CHADSVASC 6
- Hematuria on anticoagulants
- LAAO – Watchman 27 mm 2020
- TIA in 2021 → TEE LAAO peridevice posterior leak with internal flow with a 5 mm leak

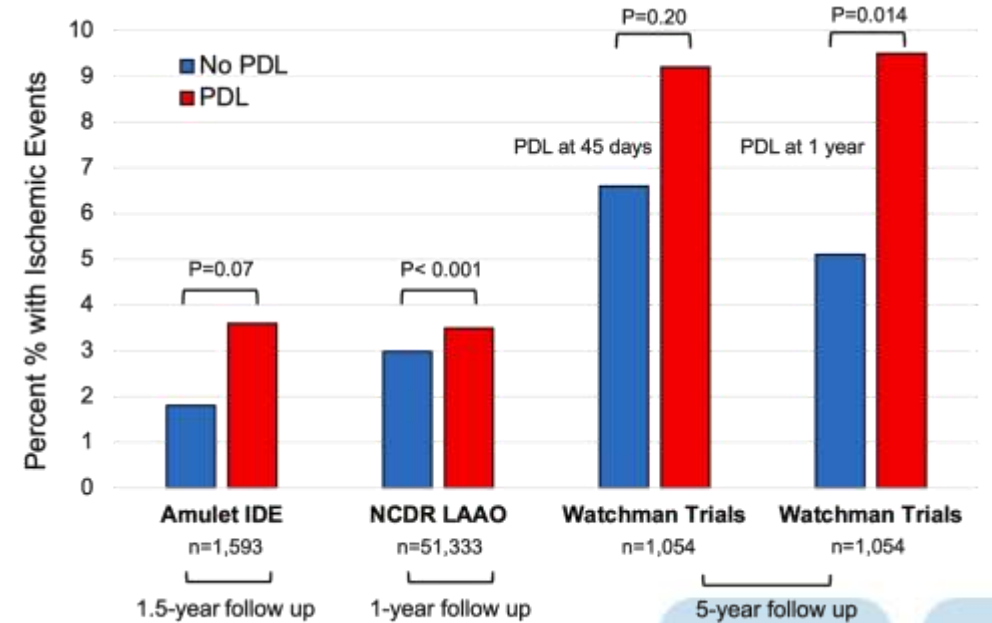
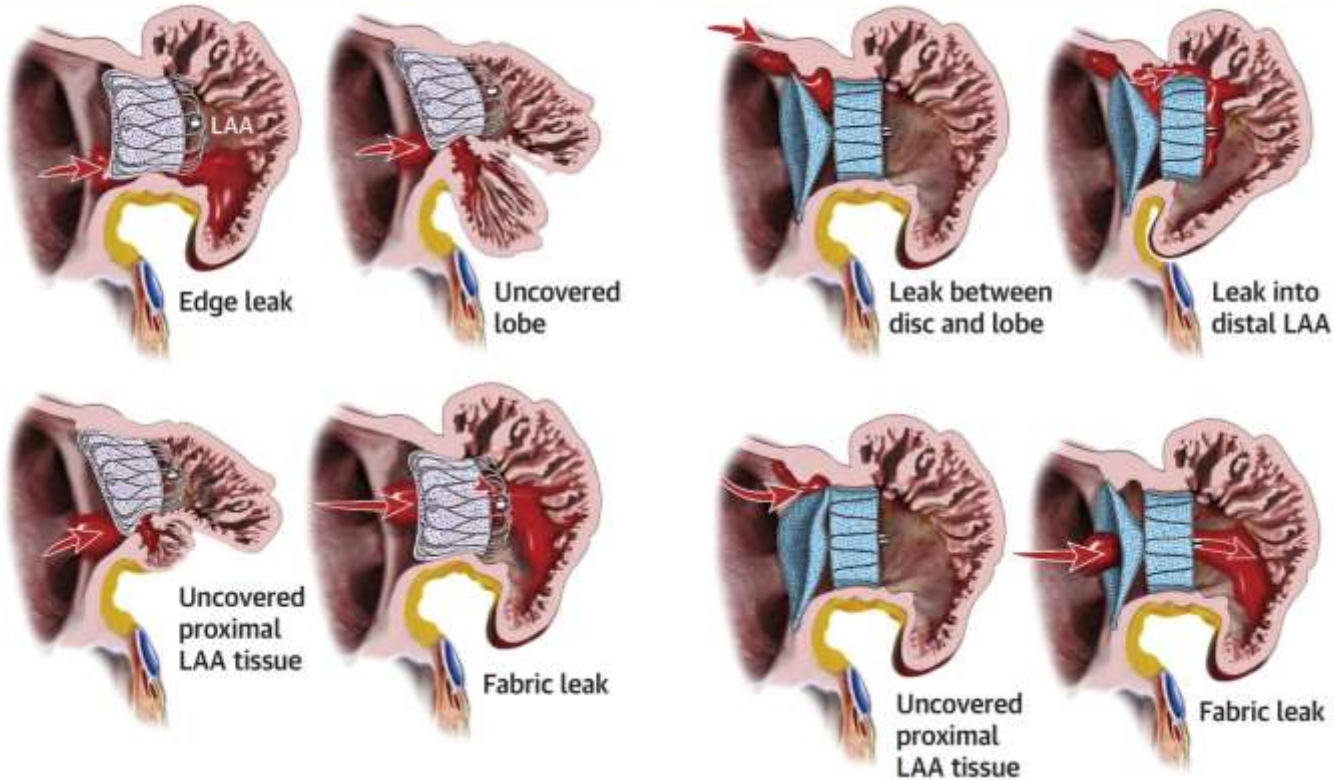




Peri-Device Leaks Following LAA Occlusion

Mechanism of Leak With Plug Occluders

Mechanism of Leak With Lobe-and-Disc Occluders



* P values are risk adjusted

Small Posterior Superior Peri-device Leak Identified



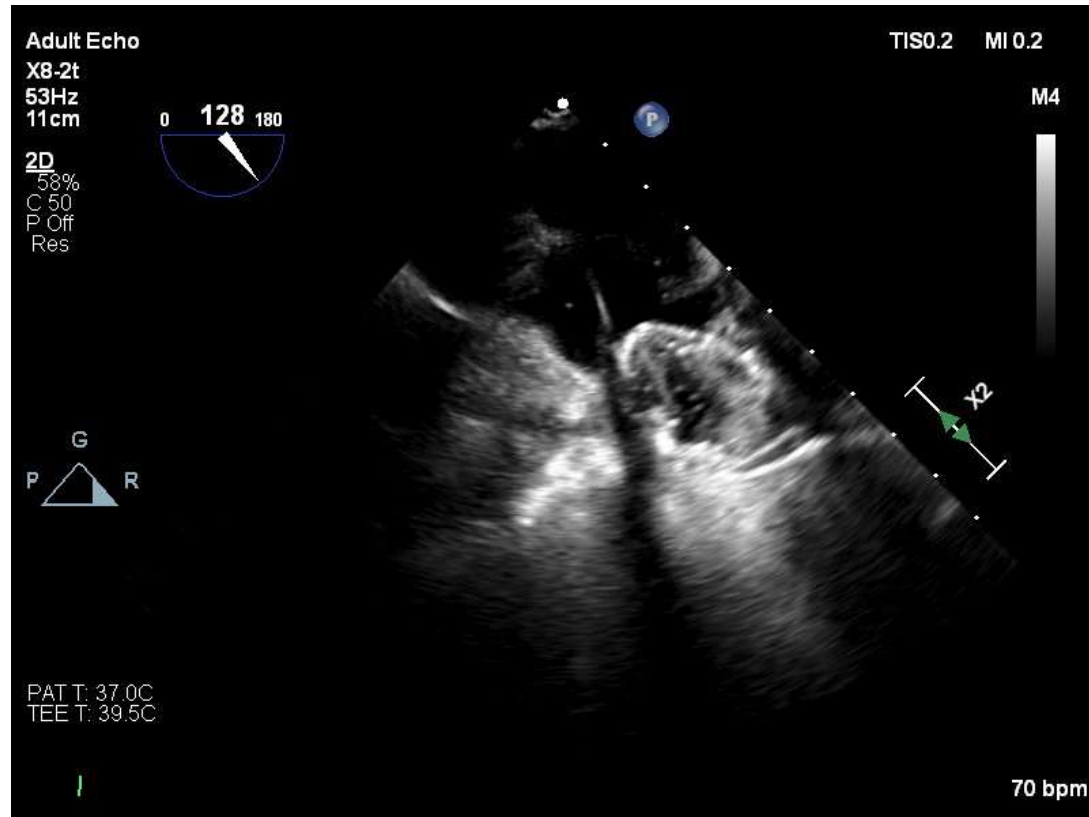
8.5F Agilis steerable sheath



4F Glidecath over a V18 wire

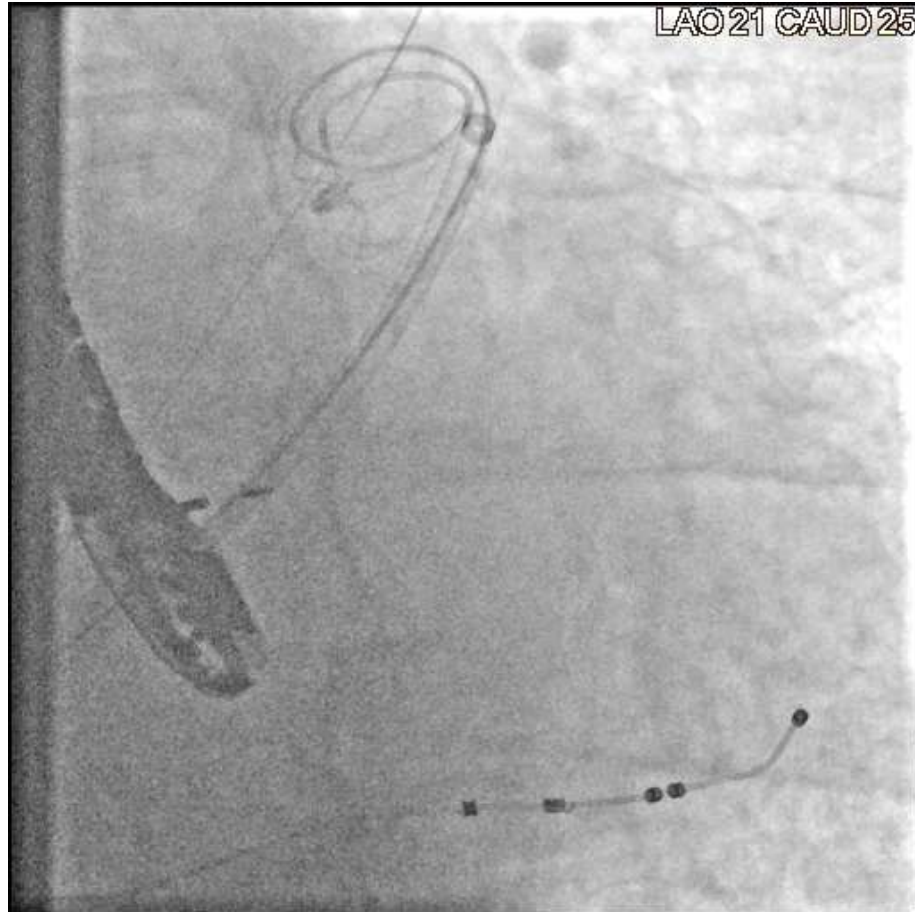
Free Flow Through the Watchman Device

Anterior Inferior Leak Engaged



8F Amplatzer Trevisio delivery sheath

Delivery of Amplatzer PFO Occluder Device



Confida Wire



18mm Amplatzer Talisman PFO occluder

Tug Test and Device Release



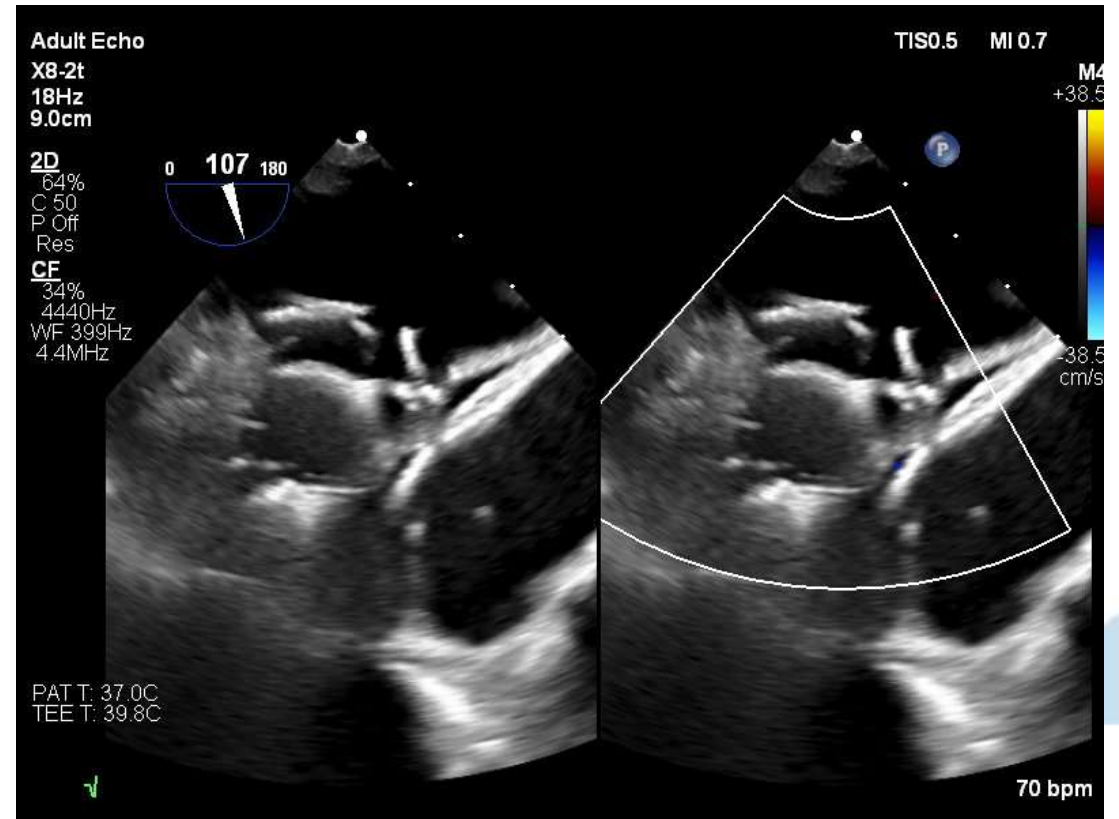
Occluder Device Stable Turned Our Attention to Smaller Leak



Leak Successfully Crossed Delivery of ADO Device 6x4mm



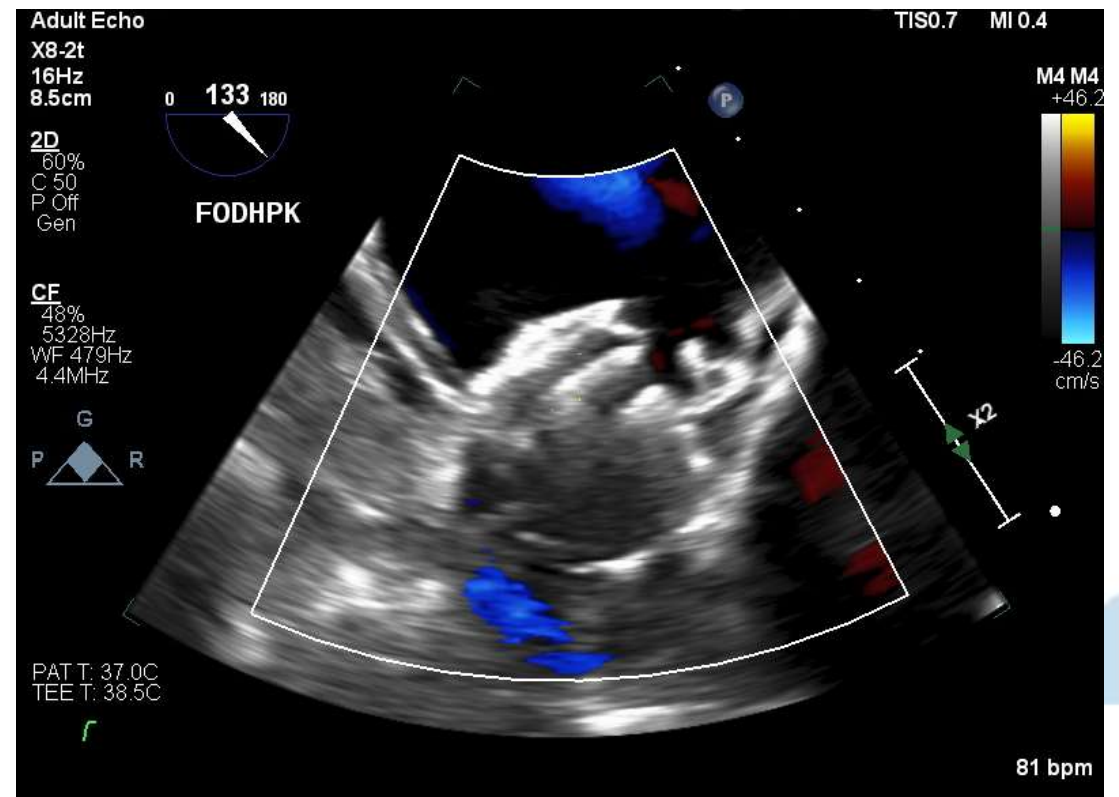
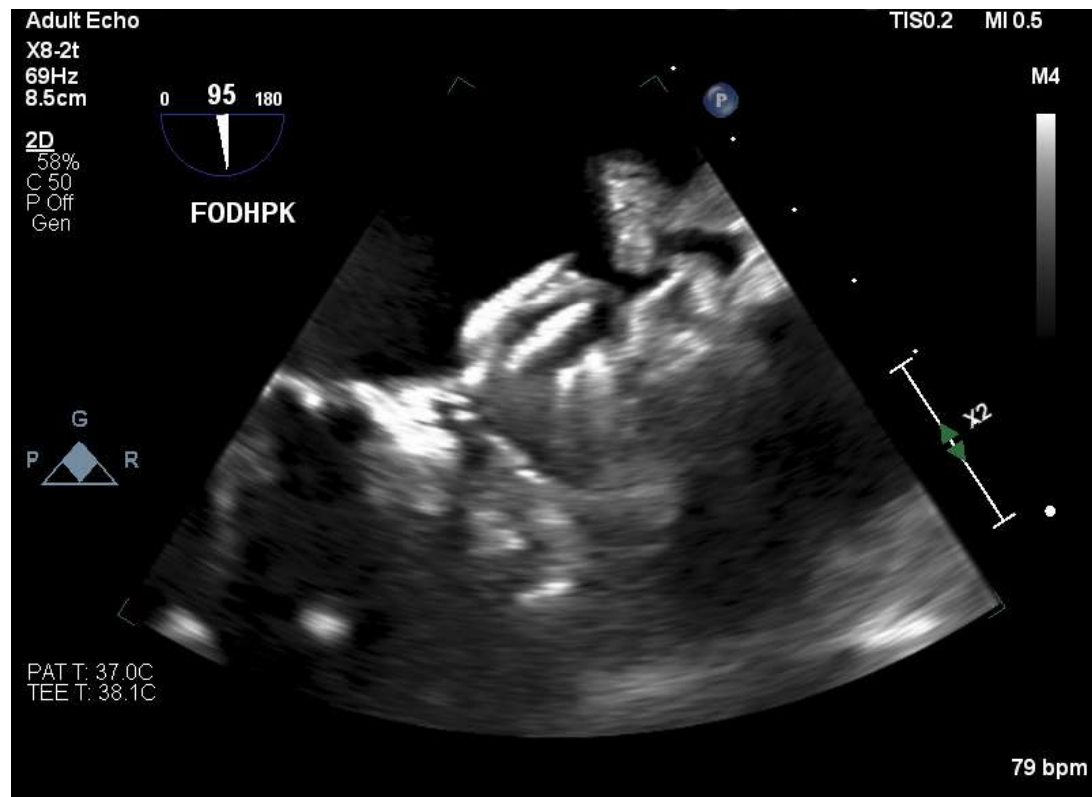
Amplatzer Ductus Occluder (ADO) 6x4mm



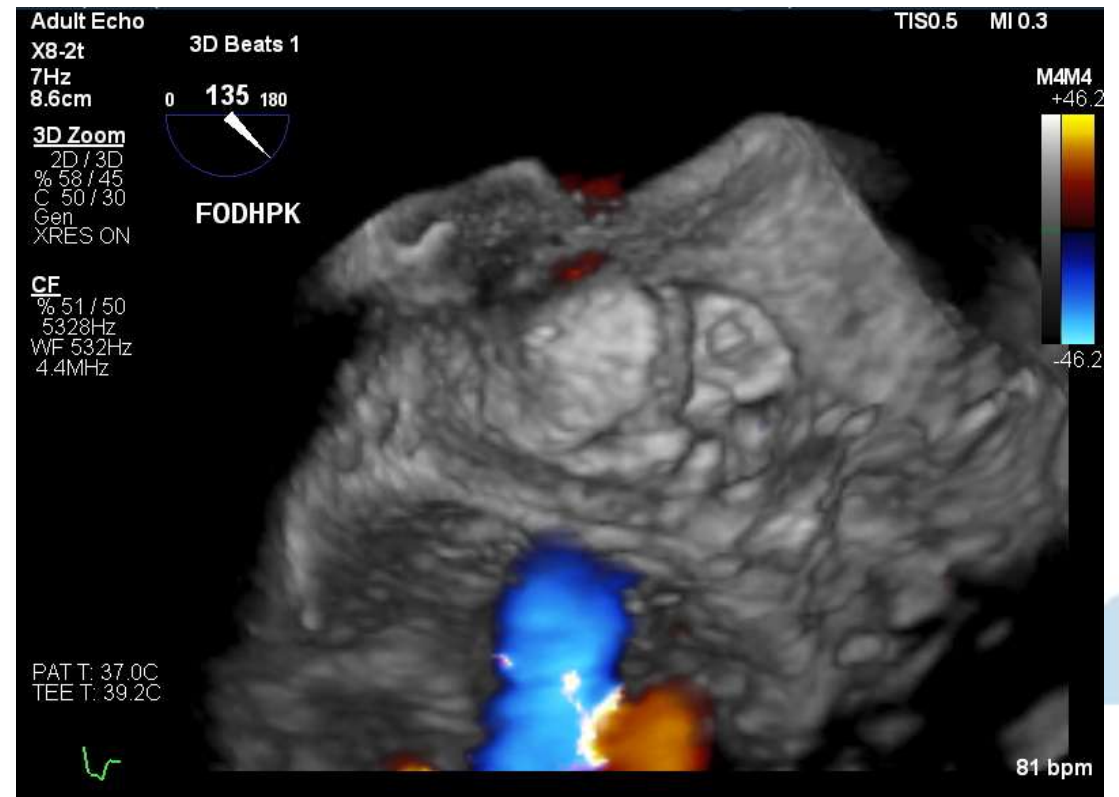
Final Result

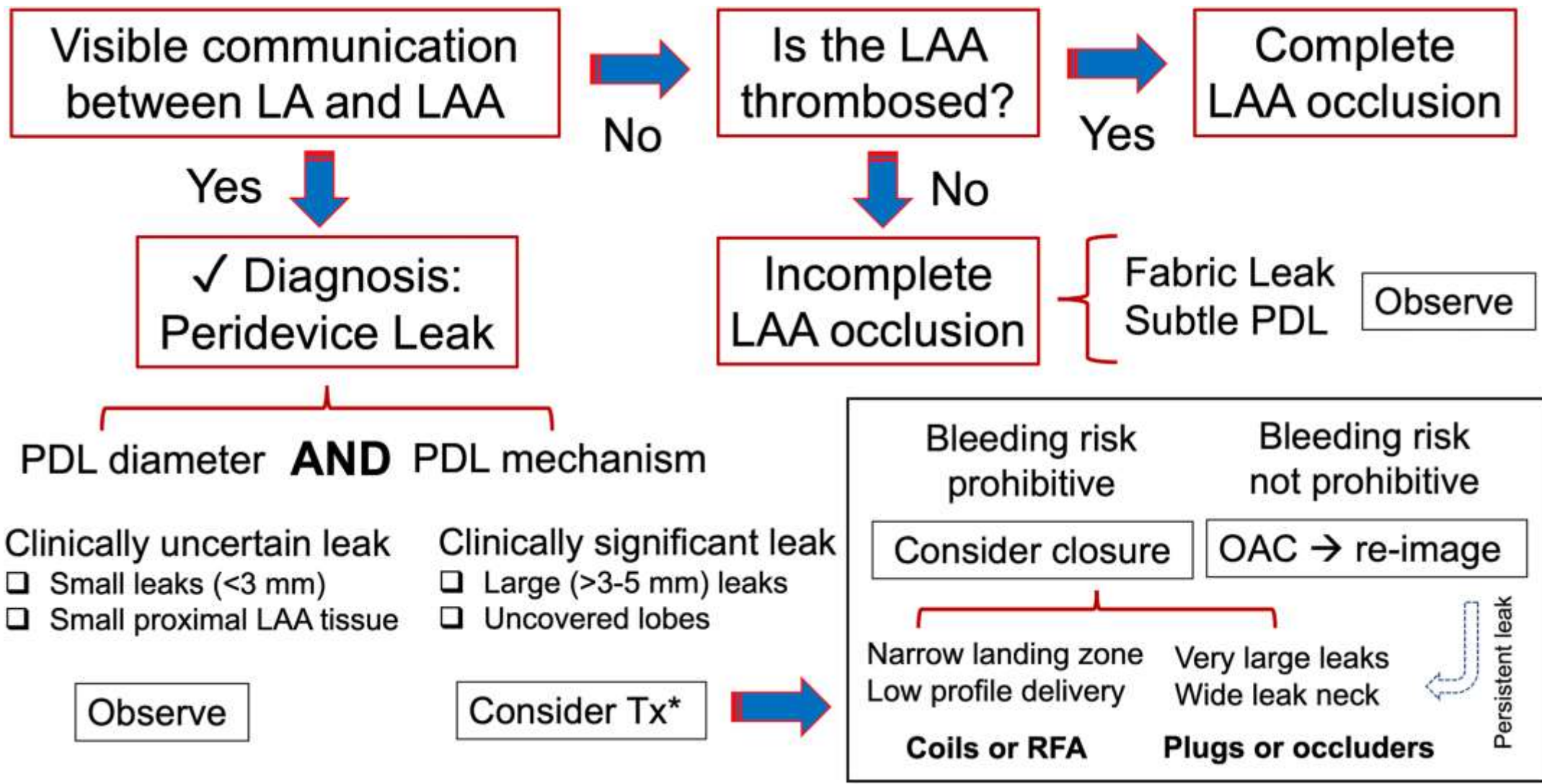


6 Weeks Later...



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